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Date June 6, 2005

To Phu K. Nguyen, Patent Examiner
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Alexandria, VA 22313-1450
Telephone: 571-272-7645

Facsimile number 07844-47600001 / 703-872-9306

From Brenda Leeds Binder

Re HINTED STEM PLACEMENT ON HIGH-RESOLUTION PIXEL GRID
Applicant: Terence S. Dowling and R. David Arnold
Application No.: 09/739,587
Filing Date: December 15, 2000
Attorney's Docket No.: 07844-476001

Number of pages
including this page 3

Message Attached is a copy of the 1449 form from the IDS filed December 3, 2004. Per our telephone conversation of May 20, 2005, we respectfully request that you consider the art cited and return an initialed Form PTO-1449 along with a Supplemental Notice of Allowability.

Brenda Leeds Binder has been given limited recognition under 37 CFR § 11.9(b) as an employee of the Fish & Richardson PC law firm to prepare and prosecute patent applications wherein the patent applicant is a client of Fish & Richardson PC and the attorney or agent of record in the applications is a registered practitioner who is a member of Fish & Richardson, which is the case in the present application. A copy of the Limited Recognition document, which expires July 26, 2005, is attached hereto.

Respectfully submitted,

Date: June 6/05

Brenda Leeds Binder
Limited Recognition
under 37 CFR § 11.9(b)

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Sheet 1 of 1

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|---|--|--|-------------------------------|
| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 07844-476001 | Application No. 09/739,587 |
| Information Disclosure Statement by Applicant (Use several sheets if necessary) | | Applicant Terence S. Dowling and R. David Arnold | |
| | | Filing Date December 15, 2000 | Group Art Unit 2671 |

(37 CFR §1.96(b))

| U.S. Patent Documents | | | | | | | |
|-----------------------|-----------|-----------------|------------------|------------------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| /P.N./ | AA | US-6,438,576 | 08/20/2002 | Huang, et al. | | | |
| /P.N./ | AB | US-5,684,510 | 11/04/1997 | Brassell, et al. | | | |
| /P.N./ | AC | US-6,104,833 | 08/15/2000 | Naol, et al. | | | |
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| Foreign Patent Documents or Published Foreign Patent Applications | | | | | | | |
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| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |
| | AL | | | | | | Yes No |
| | AM | | | | | | |
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| Other Documents (Include Author, Title, Date, and Place of Publication) | | |
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| Examiner Initial | Desig. ID | Document |
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| Examiner Signature /Phu Nguyen/ | Date Considered 07/29/2008 |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

Substitute Disclosure Form (PTO-1449)

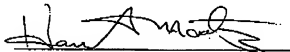
**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE
UNITED STATES PATENT AND TRADEMARK OFFICE**

LIMITED RECOGNITION UNDER 37 CFR § 11.9(b)

Brenda Leeds Binder is hereby given limited recognition under 37 CFR § 11.9(b) as an employee of the Fish & Richardson P.C. law firm to prepare and prosecute patent applications wherein the patent applicant is the client of the Fish & Richardson P.C. law firm, and the attorney or agent of record in the applications is a registered practitioner who is a member of the Fish & Richardson P.C. law firm. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Brenda Leeds Binder ceases to lawfully reside in the United States, (ii) Brenda Leeds Binder's employment with the Fish & Richardson P.C. law firm ceases or is terminated, or (iii) Brenda Leeds Binder ceases to remain or reside in the United States, authorized to be employed in accordance with an Employment Authorization Card issued pursuant to 8 CFR § 274a.12(c)(9).

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the United States Patent and Trademark Office.

Expires: July 26, 2005


Harry I. Moatz
Director of Enrollment and Discipline